

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION</b>  <input checked="" type="checkbox"/> Declaration <input type="checkbox"/> Declaration Submitted with      Submitted after Initial Initial Filing      Filing (surcharge 37 CFR 1.16(e) required)	Attorney Docket No.	CAP-001
	First Named Inventor	Trevithick
	<b>COMPLETE IF KNOWN</b>	
	Application Serial Number	Not Yet Assigned
	Filing Date	Herewith
	Group Art Unit	Not Yet Assigned
	Examiner Name	Not Yet Assigned

As a below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Characterizing Relationships in Social Networks**

(Title of the Invention)

the specification of which

☒ is attached hereto  
OR

☐ was filed on [ ] as United States Application Serial Number or PCT International  
(MM/DD/YYYY)

Application Number [ ] and was amended on (MM/DD/YYYY) [ ] (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose to the Patent Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information known by me which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, or inventor's certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, or inventor's certificate(s), or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.
60/270,752	02/22/2001	

10030078 "DEED" 02/22/2001

## Declaration and Power of Attorney for Utility or Design Patent Application

Serial No. Not Yet Assigned

Atty. Docket No. CAP-001

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**DECLARATION – Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number

OR

☒ Registered practitioner(s) name/registration number listed below



Place Customer  
Number Bar Code  
Label Here

Name	Registration Number	Name	Registration Number
Michael J. Bastian	47,411	John D. Lanza	40,060
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Elias C. Behrakis	47,416	Leigh J. Martinson	P-50,749
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Mark L. Beloborodov	P-50,773	Joseph B. Milstein	42,897
Robert S. Blasi	P-50,389	David G. Miranda	42,898
Maureen A. Bresnahan	44,559	Ronda P. Moore	44,244
Michael H. Brodowski	41,640	Indranil Mukerji	46,944
Jennifer A. Camacho	43,526	Jeremy Occek	P-50,794
Joseph A. Capraro, Jr.	36,471	Edmund R. Pitcher	27,829
Christopher H. Chung	P-50,351	Michael A. Rodriguez	41,274
John J. Cotter	38,116	Jamie H. Rose	45,054
Robert V. Donahoe	46,667	David L. Schuler	P-51,190
Brian A. Fairchild	48,645	Christopher W. Stamos	35,370
John V. Forcier	42,545	Diana M. Steel	43,153
Steven J. Frank	33,497	Joseph P. Sullivan	45,349
Kia L. Freeman	47,577	Robert J. Tosti	35,393
Brian M. Gaff	44,691	Thomas A. Turano	35,722
Duncan A. Greenhalgh	38,678	Christine C. Vito	39,061
William G. Guerin	41,047	Patrick R.H. Waller	41,418
Ira V. Heffan	41,059	Daniel A. Wilson	45,508
Danielle L. Herritt	43,670	Gerald E. Worth	45,238
Douglas J. Kline	35,574	Yin P. Zhang	44,372
<input type="checkbox"/> Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.			

Direct all correspondence to:

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10080378.022001

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

<b>Name of Sole or First Inventor:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
Paul					Trevithick				
Inventor's Signature	<i>Paul Trevithick</i>						Date	2-22-02	
Residence	City	Roslindale	State	MA	Country	U.S.A.	Citizenship	U.S.A.	
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Mailing Address (In. 2)	City	Roslindale	State	MA	ZIP	02131-4519	Country	U.S.A.	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) attached hereto.									
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])					Family Name or Surname				
John H.					Clippinger				
Inventor's Signature	<i>John H Clippinger</i>						Date	2-22-02	
Residence	City	Jefferson	State	NH	Country	U.S.A.	Citizenship	U.S.A.	
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## STATEMENT REGARDING SMALL ENTITY STATUS

Attorney Docket No. CAP-001

Applicant, Patentee, or Identifier: **Trevithick et al.**Application or Patent No.: **Not Yet Assigned**Date Filed or Issued: **Herewith**Title: **Characterizing Relationships in Social Networks**NAME OF SMALL BUSINESS OR NONPROFIT ORGANIZATION: **Parity Communications, Inc.**ADDRESS OF SMALL BUSINESS OR NONPROFIT ORGANIZATION: **28 State Street, Suite 1100, Boston, MA 02109**

I hereby state that the above identified small business concern or nonprofit organization qualifies as a small business concern as defined in 37 CFR 1.27 for purposes of paying reduced fees to the United States Patent and Trademark Office. For a small business concern, the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time, or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby state that rights under contract or law have been conveyed to and remain with the small business concern or nonprofit organization identified above with regard to the invention described in:

- ☒ the application identified above.  
☐ the patent identified above.

If the rights held by the above identified small business concern or nonprofit organization are not exclusive, each individual, concern, or organization having rights in the invention must execute separate statements as to their status as small entities, and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.27(a)(1) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.27(a)(2), or a nonprofit organization under 37 CFR 1.27(a)(3).

- ☒ No such person, concern, or organization having any rights in the invention exists.  
☐ Each such person, concern, or organization having any rights in the invention is listed below.

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate.

NAME OF PERSON SIGNING

KAREN V. WELTCHER

TITLE OF PERSON SIGNING

PRESIDENT

ADDRESS OF PERSON SIGNING

28 STATE STREET SUITE 1100 BOSTON MA 02109

SIGNATURE

Karen V. Welch

DATE

2/22/02